

**INFORMATION SEARCH SUPPORT SYSTEM, APPLICATION
SERVER, INFORMATION SEARCH METHOD, AND PROGRAM PRODUCT**

ABSTRACT

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A system includes a vocabulary information processing mechanism for loading an ontology corresponding to a selected service and analyzing the loaded ontology to extract a conceptual structure, an inference processing mechanism for executing an inference operation based on an axiom rule and extending/parsing vocabulary information extracted
10 by the vocabulary information processing mechanism, a conceptual information display section for displaying the extracted conceptual structure on a browser of a user terminal via the Internet, a property information display section for displaying on the browser property information relative to a concept selected from the displayed conceptual structure, a relational information display section for displaying, when a plurality of concepts are
15 selected, relationships between the concepts on the browser, and a search request transmitting section 34 for transmitting a prescribed search request to a search system based on a search request made from the browser.